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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/943,618	08/30/2001	Robert Howard High JR.	RSW920010125US1	9288

7590 09/27/2004
A. Bruce Clay
IBM Corporation T81/503
P.O. Box 12195
Research Triangle Park, NC 27709

EXAMINER

SHERKAT, AREZOO

ART UNIT	PAPER NUMBER
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2131

DATE MAILED: 09/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/943,618

Applicant(s)

HIGH ET AL.

Examiner

Arezoo Sherkat

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claims 1-18 are presented for examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Barkley et al., (U.S. Patent No. 6,202,066 and Barkley hereinafter).

Regarding claims 1, 15, and 17, Barkley discloses a method of improving security policy administration and enforcement using a role permission model, comprising steps of:

identifying one or more groups of permitted actions on selected resources, assigning a name to each identified group, defining each assigned name to a security system as a security object, and associating subjects with each assigned name (Col. 6, lines 32-67 and Col. 7, lines 1-67 and Col. 8, lines 1-43).

Regarding claim 2, Barkley discloses wherein the assigned name is a role name (Col. 4, lines 54-67 and Col. 5, lines 1-5).

Regarding claims 3-12, Barkley discloses wherein the selected resources are any resource that is expressible to the security system and the permitted actions are selected from a set of actions that are permitted on those resources (Col. 1, lines 18-67 and Col. 2, lines 1-67 and Col. 3, lines 1-53).

Regarding claims 13, 16, and 18, Barkley discloses further comprising the steps of:

receiving an access request for a particular one of the selected resources, determining one or more roles which are required for accessing the particular resource, determining an identity of a source of the access request, for each of the required roles, until obtaining a successful result or exhausting the required roles, determining whether the identity of the source is associated with the required role, and authorizing access to the particular resource only if the successful result was obtained (Col. 10, lines 45-67 and Col. 11-12, lines 1-67 and Col. 13, lines 1-50).

Regarding claim 14, Barkley discloses wherein the step of determining the one or more roles further comprises consulting a collection created from the identified permitted actions on the particular resource (Col. 6, lines 55-67 and Col. 7, lines 1-48).

Conclusion


The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

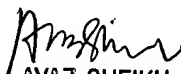
Moran et al., (U.S. Publication No. 2003/0088786),
Deinhart et al., (U.S. Patent No. 5,911,143), and
Andrews et al., (U.S. Publication No. 2003/0115487).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arezoo Sherkat whose telephone number is (703) 305-8749/(703) 272-3796. The examiner can normally be reached on 8:00-4:30 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (703) 305-9648/(703) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Arezoo Sherkat
Patent Examiner
Art Unit 2131
Sep. 22, 2004


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
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